

CLAIMS

1. A die-casting brass alloy having a dezincification resistance, which is lower than 100 μm for a separate value according to British Standard BS 2872 in a die-casting condition (i.e. without a subsequent phase transforming heat treatment), characterized by the following composition:

Cu:	63,0-65,0	weight-%
Pb:	1,5-2,2	weight-%
Si:	0,6-0,9	weight-%
Al:	0,03-0,1	weight-%
As:	0,03-0,1	weight-%
Ni:	max 0,5	weight-%
Sn:	max 0,5	weight-%
Fe:	0,1-0,5	weight-%
B:	0-15 ppm	
Other impurities: max 0,3 weight-%		
Zn:	remainder.	

2. A die-casting brass alloy according to claim 1 having a dezincification resistance, which is lower than 100 μm for a separate value according to British Standard BS 2872 in a die-casting condition (i.e. without a subsequent phase transforming heat treatment), characterized by the following composition:

Cu:	63,6	weight-%
Pb:	1,8	weight-%
Si:	0,73	weight-%
Al:	0,07	weight-%
As:	0,06	weight-%
Ni:	0,2	weight-%
Sn:	0,3	weight-%
Fe:	0,25	weight-%
B:	8 ppm	
Other impurities: max. 0,3 weight-%		
Zn:	remainder	